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11046 U.S. PTO  
10/06/98

01/30/02

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.

61113A

Total Pages

34

First Named Inventor or Application Identifier

Robert O. Williams III

Express Mail Label No.

EL889203689US

PROCESS FOR PRODUCTION OF NANOPARTICLES AND MICROPARTICLES BY SPRAY FREEZING INTO LIQUID

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

6. ☐ Microfiche Computer Program (Appendix)

2. ☒ Specification [Total Pages 27]

- (preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

3. ☒ Drawing(s) (35 USC 113) [Total Sheets 2]

4. ☐ Declaration and Power of Attorney [Total Pages \_\_\_\_]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)  
[Note Box 5 below]
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference  
The entire disclosure of the prior application identified in  
Box 18 is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

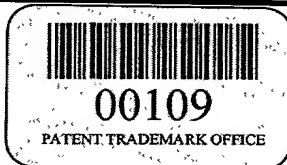
**ACCOMPANYING APPLICATION PARTS**

- 8. ☐ Assignment Papers (cover sheet & document(s))
- 9. ☐ English Translation Document (if applicable)
- 10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- 11. ☐ Preliminary Amendment
- 12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- 13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- 14. ☐ Associate Power of Attorney
- 15. ☐ Sealed envelope containing confidential information,  
which Applicants may request to be expunged from  
the application file.
- 16. ☒ Authorization for payment of fees and Petition for  
Extensions of Time.
- 17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
Amend the specification by inserting before the first line, the sentence: "This application is a  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_ / \_\_\_\_."

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label



or ☐ Correspondence address below

NAME

ADDRESS

CITY

STATE

ZIP CODE

Please direct any telephonic communication regarding this application to the undersigned Attorney/Agent for Applicants:

Elisabeth T. Jozwiak  
Elisabeth T. Jozwiak

Reg. No.: 41,101

Phone No.: (989) 636-2880

Fax No.: (989) 636-3237

Assistant Commissioner for Patents  
Washington, D. C. 20231

Attorney's Case No. : 61113A

Application of : Robert O. Williams III, Keith P. Johnston, Timothy J. Young, True  
L. Rogers, Melisa K. Barron, Zhongshui Yu, Jiahui Hu

For: PROCESS FOR PRODUCTION OF NANOPARTICLES AND  
MICROPARTICLES BY SPRAY FREEZING INTO LIQUID

No. of Drawing Sheets: 2

EXPRESS MAIL MAILING LABEL NO EL889203689US  
DATE OF DEPOSIT: January 30, 2002

Sir:

Enclosed for filing is the above-identified application. Please charge the  
estimated fee to our Deposit Account No. 04-1512. An original and 2 copies of this  
sheet are enclosed.

A. Basic Filing Fee		<u>\$740.00</u>
Total Number of Claims	<u>22</u>	
Less (Basic Fee)	<u>20</u>	
B. Extra Claims	<u>2</u> x \$ 18.00 =	<u>\$36.00</u>
Total Number Independent Claims	<u>3</u>	
Less (Basic Fee)	<u>3</u>	
C. Extra Independent Claims	<u>0</u> x \$ 84.00 = \$	
D. Multiple Dependent Claims Presented	+ \$280.00 = \$	
TOTAL FILING FEE (A+B+C+D) =		<u>\$776.00</u>

If this estimate is incorrect, please charge or credit our account accordingly.

Respectfully submitted,

*Elisabeth T. Jozwiak*

Elisabeth T. Jozwiak

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THE DOW CHEMICAL COMPANY  
Intellectual Property  
P.O. Box 1967  
Midland, MI 48641-1967

Date: January 30, 2002

ETJ/jsh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant (s): Robert O. Williams III, Keith P. Johnston, Timothy J. Young, True L. Rogers, Melisa K. Barron, Zhongshui Yu, Jiahui Hu

Attorney Docket No.: 61113A

Group Art Unit: Unknown

Filed: Concurrently Herewith

Examiner: Unknown

For: PROCESS FOR PRODUCTION OF NANOPARTICLES AND  
MICROPARTICLES BY SPRAY FREEZING INTO LIQUID

EXPRESS MAIL MAILING LABEL NO EL889203689US  
DATE OF DEPOSIT: January 30, 2002

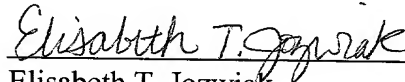
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

AUTHORIZATION FOR PAYMENT OF FEES  
AND PETITIONS FOR EXTENSIONS OF TIME

Pursuant to 37 CFR 1.136(a)(3), please treat any concurrent or future reply in this application which requires a petition for an extension of time under 37 CFR 1.136(a)(1) as incorporating a petition for an extension of time for the appropriate length of time. Please charge any fees required under 37 CFR 1.17 in this application to Deposit Account No. 04-1512.

Respectfully submitted,



Elisabeth T. Jozwiak

Registration No.: 41,101

Phone: (989) 636-2880

Date: January 30, 2002

P. O. Box 1967  
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ETJ/jsh

1006343-013002